

3/33 - (C) Derwent  
PN - J04041536 A 920212 DW9213  
PA - (SHOW ) SHOWA DENKO KK  
PR - 90JP-147284 900607  
TI - Olefin] resin composition for packaging material - comprises saponified olefin]-vinyl] acetate copolymer resin and modified olefin silane or glycidyl gp. contg. silane  
AB - J04041536 Resin compsn. consists of (a) 5-95 wt.% of a saponified olefin-vinyl-acetate copolymer resin and (b) 95-5 wt.% of a modified polyolefin resin which is modified with an unsatd. silane cpd. or a glycidyl gp.-contg. silane cpd. The saponified olefin-vinyl acetate copolymer resin (a) is a saponified ethylene-vinyl acetate copolymer resin (EVOH) which has an ethylene content of 15-60 mol.% and a saponification deg. of more than 90%. The modified polyolefin resin modified with an unsatd. silane cpd. or a glycidyl gp.-contg. silane cpd. (b) contains an unmodified polyolefin resin and/or it is a grafted polyolefin which is grafted with 0.05-5 wt.% (converted into silicon atom) of a silane cpd. to the polyolefin resin. The polyolefin resin of (b) is, e.g. polyethylene, polypropylene or ethylene-propylene copolymer. The glycidyl gp.-contg. silane cpd. of (b) is, e.g. gamma-glycidoxypropyl trimethoxysilane.  
USE/ADVANTAGE - Used as packaging material for foods, medical supplies and cosmetics. Has a high mechanical strength, heat sealability and good gas barrier properties. (8pp Dwg.No.0/0)